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canceled

45
64.
506.

27
The compound as in claim 46 that is 13,15-didesmethoxy-15-methyl-18-hydroxyl-FK-

46
65.

27
The compound as in claim 46 that is 13,15-didesmethoxy-13,15-dimethyl-18-hydroxyl-FK-506.--

REMARKS

The instant application generally relates to isolated and recombinant nucleic acids encoding the FK-520 polyketide synthase and its tailoring enzymes, recombinant host cells containing these genes, and use of these nucleic acids and cells in the production of polyketide compounds.

Restriction Requirement

In a communication mailed February 12, 2001, the Examiner determined that the parent of the instant application contained multiple inventions (Groups I-VII). Accordingly, the instant application is a divisional of the parent case, U.S. Serial No. 09/410,551, in which the Applicants elect the invention defined by the claims designated by the Examiner as Group VII.

Claim Amendments

Of the previously pending claims, claims 18 is pending. Claims 1-17 and 19-20 have been cancelled. New claims 21-63 directed to specific compounds defined by claim 18 have been added. No new matter has been added. Support for these amendments are found throughout the specification including pages 82, 127-128 and the examples.

In summary, in response to the Examiner's restriction requirement, Applicants elect in the instant application the invention defined by the claims identified by the Examiner as Group VII. Claims 18 and 21-63 are now pending and believed to define allowable subject matter.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this

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document to Deposit Account No. 03-1952 referencing docket no. 3006922002610. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: April 3, 2001

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